

Recombinant Rat Cpa1 protein, His&Myc-tagged

Cat. No. Cpa1-2719R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cpa1 protein(P00731)(111-419aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	111-419aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	39.6 kDa
AA Sequence	ALSTDSFNATYHTLDEIYEFMDLLVAEHPQLVSKIQIGNTFEGRPIHVLKFSTGGTNR PAIWIDTGIHSREWVTQASGVWFAKKITKDYGQDPTFTAVLDNMDIFLEIVTNPDGFA YTHKTNRMWRKTRSHTQGSLCVGVDPNRNWDAGFGMAGASSNPCSETYRGKFP NSEVEVKSIVDFVTSHGNIAFISHSYSQLLLYPYGYTSEPAPDQAELDQLAKSAVTA LTSLHGTKFKYGSIIDTIYQASGSTIDWTYSQGIKYSFTFELRDTGLRGFLLPASQIIPT AEETWLALLTIMDHTVKHPY
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name Cpa1 carboxypeptidase A1 (pancreatic) [Rattus norvegicus]

Official Symbol Cpa1

Synonyms CPA1; carboxypeptidase A1 (pancreatic); carboxypeptidase A1;

Gene ID 24269

mRNA Refseq NM_016998

Protein Refseq NP_058694

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